

CONTROLLED-PUNCTURE FILMS

Abstract

- 5 The present invention discloses methods of controlling the puncturability, and optionally the sealability (the ability of a film to conform around a puncturing object) and resealability (the ability of a film to close a hole made by a puncturing object), of polymeric films. Systems comprising a film and puncturing object are also disclosed. Puncturability is controlled by achieving targeted levels of the friction between the film
- 10 and a puncturing object, the film's flexural rigidity, the film's recovering stress, and the film's elongation at break.

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